ABSTRACT

A packet signal, formed according to an orthogonal frequency division multiplexing (OFDM) format, received by a receiver is decoded in a decoder device of the receiver. The packet signal includes a data code and a control code having a formula for decoding the data code. The control code is first decoded and analyzed to obtain the decoding formula contained therein. The data code is decoded during a period in which the control code is being analyzed, based on plural decoding formulae one of which coincides with the decoding formula contained in the control code. Data signals decoded based on the respective decoding formulae are sent to an output selector together with the decoding formula obtained from the control code. The output selector selects a data signal which is decoded based on a decoding formula that coincides with the decoding formula obtained from the control code.